

DERWENT-ACC-NO: 1993-131969  
DERWENT-WEEK: 199316  
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TITLE: Archimedes law demonstration teaching aid - has  
displaced liq. wt.  
indicator in form of transparent tube with discharge bend  
and linear scale

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PRIORITY-DATA: 1989SU-4769922 (December 15, 1989)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
SU 1709379 A1	January 30, 1992	N/A
003	G09B 023/20	

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
SU 1709379A1	N/A	1989SU-4769922
December 15, 1989		

INT-CL\_(IPC): G09B023/20

ABSTRACTED-PUB-NO: SU 1709379A

BASIC-ABSTRACT: The magnetic field, acting on ferromagnetic plate (6) fixed to the bottom of a body (3), is changed by the current applied from a voltage regulator (5) to an electromagnet (4). The body (3), having positive buoyancy, starts to submerge into the liquid (2), and the level of the latter increases and is then registered by the scale (9) graduated in liquid wt. units and applied on a transparent tube (7) connected to the tank (1).

USE/ADVANTAGE - As educational teaching aid for physics, e.g. simple and convenient demonstration of Archimedes law. Bul.

4/30.1.92.

CHOSEN-DRAWING: Dwg.1/3

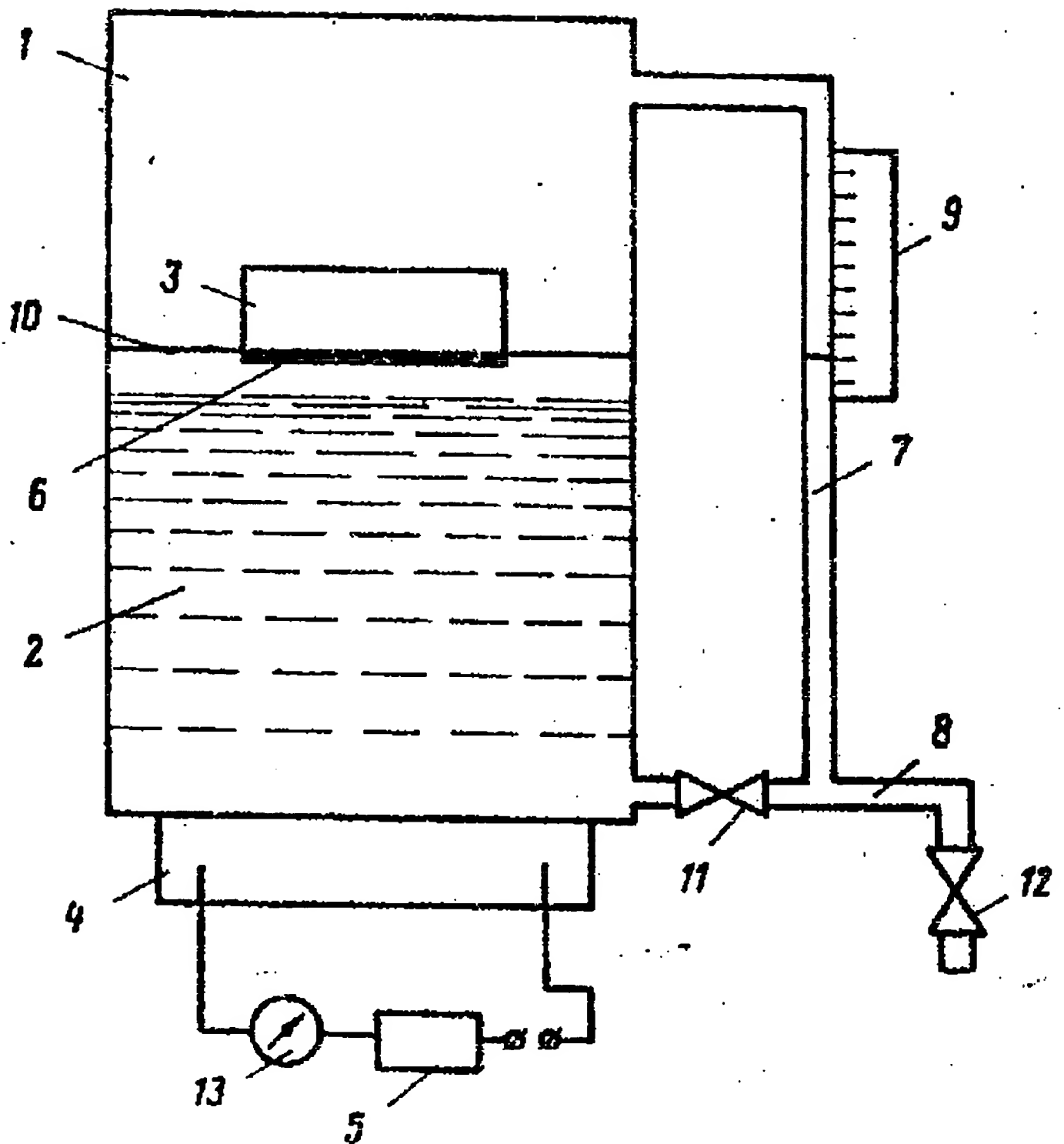
TITLE-TERMS:

ARCHIMEDES LAW DEMONSTRATE TEACH AID DISPLACE LIQUID WEIGHT  
INDICATE FORM  
TRANSPARENT TUBE DISCHARGE BEND LINEAR SCALE

DERWENT-CLASS: P85

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1993-100509



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